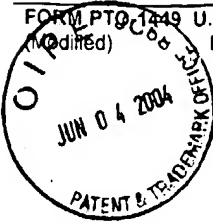


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SHEET 1 of 1

Form PTO - 1449 (Modified)

	FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	
	ATTY. DOCKET NO.	SERIAL NO.
	6763.US.P1	10/054,534
	APPLICANT	
P. Mukerji, et al.		
FILING DATE		GROUP
January 22, 2002		1632 / 1636

(37 CFR 1.98 (b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
DS	A1	5,972,664 A	10/26/1999	Knutzon, et al.	435	136	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLIC- ATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANS- LATION YES NO
DS	B1	WO 93/06712 A	04/15/93	PCT			
	B2	WO 00/20603 A	04/13/00	PCT			
	B3	WO 02/26946	04/04/02	PCT			
	B4	WO 99/61602 A	12/02/99	PCT			
	B5	1035207 A	09/13/00	EPO			
	B6	WO 00/0075341	12/14/00	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

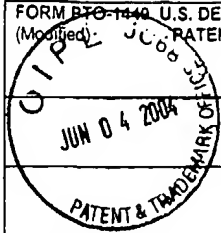
DS	C1	Qiu, Xiao, et al., "Identification of a DELTA4 Fatty Acid Desaturase from <i>Thraustochytrium</i> sp. Involved in the Biosynthesis of Docosahexanoic Acid by Heterologous Expression in <i>Saccharomyces Cerevisia</i> and <i>Brassica Juncea</i> ," <i>Journal of Biological Chemistry</i> , Vol. 276, No. 34, (08/24/01) pages 31561-31566
	C2	Saito, Tamao and Ochia, Hiroshi, "Identification of DELTA5-Fatty Acid Desaturase from the Cellular Slime Mold <i>Dictyostelium Discoideum</i> ," <i>Eur. J. Biochem.</i> , Vol. 265, (1999), pages 809-814
	C3	Leonard, Amanda E., et al., "cDNA Cloning and Characterization of Human DELTA5-Desaturase Involved in the Biosynthesis of Arachidonic Acid," <i>Biochem J.</i> , Vol. 347, (2000), pages 719-724
	C4	Cho, Hyekyung P., et al., "Cloning, Expression, and Fatty Acid Regulations of the Human DELTA-5 Desaturase," <i>The Journal of Biological Chemistry</i> , Vol. 274, No. 52, (12/24/99) pages 37335-37339
	C5	Sakuradani, Eiji, et al., "DELTA6-Fatty Acid Desaturase from and Arachidonic Acid-Producing <i>Mortierella Fungus</i> Gene Cloning and its Heterologous Expression in a Fungus, <i>Aspergillus</i> ," <i>GENE: An International Journal on Genes and Genomes</i> , Vol. 238, No. 2, (1999), pages 445-453
	C6	Huang, Yung-Sheng, et al., "Cloning of DELTA12- and DELTA6-Desaturases from <i>Mortierella Alpina</i> and Recombinant Production of GAMMA-Linolenic Acid in <i>Saccharomyces Cerevisiae</i> ," <i>Lipids</i> , Vol. 34, No. 7, (07/99), pages 649-659
	C7	Alonso, D. Lopez, et al., "Plants as 'Chemical Factories' for the Production of Polyunsaturated Fatty Acids," <i>Biotechnology Advances</i> , Vol. 18, (2000), pages 481-497
EXAMINER		DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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SHEET 1 of 2

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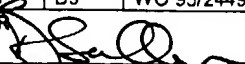
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		FILING DATE January 22, 2002	GROUP 1882 / L36

(37 CFR 1.98 (b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
DS	A1	5,447,974	08/22/1995	Hitz, et al. Peng	523	415	
	A2	5,552,306	09/03/1996	Thomas, et al.	435	134	
	A3	5,912,120	06/15/1999	Goldstein, et al.	435	6	
	A4	5,107,065	04/21/1992	Shewmaker, et al.	800	29	
	A5	5,231,020	07/27/1993	Jorgensen, et al.	800	281	
	A6	4,945,050	07/31/1990	Sanford, et al.	435	459	
	A7	4,683,202	07/28/1987	Mullis	435	912	
	A8	4,582,788	04/15/1986	Erlach	435	6	
	A9	4,683,194	07/28/1987	Saiki, et al.	435	6	
	A10	5,750,176	05/12/1998	Prieto, et al.	426	580	
	A11	5,700,671	12/23/1997	Prieto, et al.	800	25	
	A12	5,463,174	10/31/1995	Moloney, et al.	800	294	
	A13	4,943,674	07/24/1990	Houck, et al.	800	287	
	A14	5,106,739	04/21/1992	Comai, et al.	800	294	
	A15	5,175,095	12/29/1992	Martineau, et al.	435	641	
	A16	5,420,034	05/30/1995	Kridl, et al.	435	419	
	A17	5,188,958	02/23/1993	Moloney, et al.	800	300	
	A18	5,589,379	12/31/1996	Kridl, et al.	435	419	
	A19	5,004,863	04/02/1991	Umbeck	800	314	
	A20	5,159,135	10/27/1992	Umbeck	800	314	
	A21	5,518,908	05/21/1996	Corbin, et al.	800	279	
	A22	5,569,834	10/29/1996	Hinchee, et al.	800	312	
	A23	5,416,011	05/16/1995	Hinchee, et al.	800	294	
	A24	5,631,152	05/20/1997	Fry, et al.	800	269	
	A25	4,826,877	05/02/1989	Stewart, et al.	514	560	
	A26	4,666,701	05/19/1987	Horrobin, et al.	514	558	
	A27	4,758,592	07/19/1988	Horrobin, et al.	514	549	
	A28	5,116,871	05/26/1992	Horrobin, et al.	514	560	

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	B3	WO 96/13591	05/09/1996	PCT				
	B4	50424	09/18/1985	EPO				
	B5	584796	05/12/1990	EPO				
	B6	258017	04/16/1997	EPO				
	B7	237362	10/21/1998	EPO				
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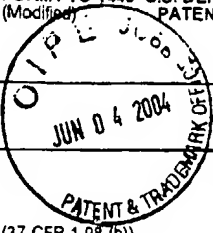
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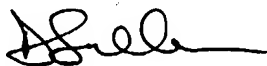
SHEET 2 of 3

Form PTO - 1449 (Modified)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE 	ATTY. DOCKET NO. 6763.US.P1 APPLICANT P. Mukerji, et al.	SERIAL NO. 10/054,534
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	FILING DATE January 22, 2002	GROUP 1632 1636

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

<input checked="" type="checkbox"/>	C1	The FASEB Journal, Abstracts, Part I, Abstract 3093, p. A532, Experimental Biology 98, San Francisco, CA (4/18-22/1998)
<input type="checkbox"/>	C2	Altschul, et al., Nucleic Acids Research, Gapped Blast and PSI-Blast: A New Generation of Protein Database Search Programs, 25: 3389-3402 (1997)
<input type="checkbox"/>	C3	Okumuro & Goldberg, Biochemistry of Plants, Regulation of Plant Gene Expression: General Principles, 15:1-82 (1989)
<input type="checkbox"/>	C4	Turner & Foster, Molecular Biotechnology, The Potential Exploitation of Plant Viral Translational Enhancers in Biotechnology for Increased Gene Expression, 3:225 (1995)
<input type="checkbox"/>	C5	Ingelbrecht, et al., Plant Cell, Different 3' End Regions Strongly Influence the Level of Gene Expression in Plant Cells, 1:671-680 (1989)
<input type="checkbox"/>	C6	Klein, et al., Nature (London), High-Velocity Microprojectiles for Delivering Nucleic Acids Into Living Cells, 327:70-73 (1987)
<input type="checkbox"/>	C7	Ishida Y., et al., Nature Biotech, High Efficiency Transformation of Maize (Zea mays L.) Mediated by Agrobacterium Tumefaciens, 14:745-750 (1996)
<input type="checkbox"/>	C8	Mulles, et al, Cold Spring Harbor Symp. Quant. Biol., Specific Enzymatic Amplification of DNA In Vitro: The Polymerase Chain Reaction, 51:263-273 (1986)
<input type="checkbox"/>	C9	Jones, et al. EMBO J., High Level Expression of Introduced Chimaeric Genes in Regenerated Transformed Plants, 4:2411-2418 (1985)
<input type="checkbox"/>	C10	DeAlmeida, et al. Mol. Gen. Genetics, Transgenic Expression of Two Marker Genes Under The Control of an Arabidopsis rbcS Promoter: Sequences Encoding the Rubisco Transit Peptide Increase Expression Levels, 218:78-86 (1989)
<input type="checkbox"/>	C11	Schnieke, et al. Science, Human Factor IX Transgenic Sheep Produced by Transfer of Nuclei From Transfected Fetal Fibroblasts, 278:2130-2133 (1997)
<input type="checkbox"/>	C12	McCabe et al., BioTechnology, Stable Transformation of Soybean (Glycine Max) by Particle Acceleration, 6: 923 (1988)
<input type="checkbox"/>	C13	Christou, et al, Plant Physiol, Stable Transformation of Soybean Callus by DNA-Coated Gold Particles, 87:671-674 (1988)
<input type="checkbox"/>	C14	McKently et al., Plant Cell Rep, Agrobacterium-Mediated Transformation of Peanut (Arachis Hypogaea L.) Embryo Axes and the Development of Transgenic Plants, 14:699-703 (1995)
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<input type="checkbox"/>	C16	Bytebier, et al., Proc Natl Acad Sci, T-DNA Organization in Tumor Cultures and Transgenic Plants of the Monocotyledon Asparagus Officinalis, (USA) 84:5354 (1987)
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<input type="checkbox"/>	C18	Rhodes, et al., Science, Genetically Transformed Maize Plants from Protoplasts, 240:204 (1988)
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<input type="checkbox"/>	C21	Kozziel, et al., BioTechnology, Field Performance of Elite Transgenic Maize Plants Expressing an Insecticidal Protein Derived from Bacillus Thuringiensis, 11:194 (1993)
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<input type="checkbox"/>	C24	Horn, et al., Plant Cell Rep, Transgenic Plants of Orchardgrass (Dactylis Glomerata L.) From Protoplasts, 7:469 (1988)
<input checked="" type="checkbox"/>	C25	Park, et al., Plant Mol. Biol., T-DNA Integration Into Genomic DNA of Rice Following Agrobacterium Inoculation of Isolated Shoot Apices, 32:1135-1148 (1996)

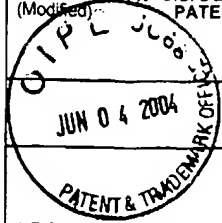


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DATE: June 1, 2004

SHEET 3 of 3

Form PTO - 1449 (Modified)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 6763.US.P1	SERIAL NO. 10/054,534
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(Use several sheets if necessary)	FILING DATE January 22, 2002	GROUP 1636 / 636

<input checked="" type="checkbox"/>	C26	Abnedina, et al., <u>Aust. J. Plant Physiol.</u> , An Efficient Transformation System for the Australian Rice Cultivar, Jarrah, 24:133-141 (1997)
<input type="checkbox"/>	C27	Zhang & Wu, <u>Theor. Appl. Genet.</u> , Efficient Regeneration of Transgenic Plants from Rice Protoplasts and Correctly Regulated Expression of the Foreign Gene in the Plants, 76:835 (1988)
<input type="checkbox"/>	C28	Baltraw & Hall, <u>Plant Sci.</u> , Expression of a Chimeric Neomycin Phosphotransferase II Gene in First and Second Generation Transgenic Rice Plants, 86:191-202 (1992)
<input type="checkbox"/>	C29	Christou, et al., <u>Biol Technology</u> , Production of Transgenic Rice (<i>Oryza Sativa</i> L.) Plants From Agronomically Important Indica and Japonica Varieties Via Electric Discharge Particle Acceleration of Exogenous DNA Into Immature Zygotic Embryos, 9:957 (1991)
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<input type="checkbox"/>	C31	Bower & Birch, <u>Plant J.</u> , Transgenic Sugarcane Plants Via Microprojectile Bombardment, 2:409 (1992)
<input type="checkbox"/>	C32	Wang, et al. <u>Biol Technology</u> , Transgenic Plants of Tall Fescue (<i>Festuca Acrundinacea</i> Schreb.) Obtained by Direct Gene Transfer to Protoplasts, 10:691 (1992)
<input type="checkbox"/>	C33	Vasil, et al. <u>Biol Technology</u> , Herbicide Resistant Fertile Transgenic Wheat Plants Obtained by Microprojectile Bombardment of Regenerable Embryogenic Callus, 10:667 (1992)
<input type="checkbox"/>	C34	Marcotte, et al., <u>Nature</u> , Regulation of a Wheat Promoter by Absciscic Acid in Rice Protoplasts, 335:454-457 (1988)
<input type="checkbox"/>	C35	McCarty, et al., <u>Plant Cell</u> , Molecular Analysis of Viviparous-1: An Absciscic Acid-Sensitive Mutant of Maize, 1:523-532 (1989)
<input type="checkbox"/>	C36	McCarty, et al., <u>Cell</u> , The Viviparous-1 Developmental Gene of Maize Encodes a Novel Transcriptional Activator, 66:895-905 (1991)
<input type="checkbox"/>	C37	Hattori, et al., <u>Genes Dev.</u> , The Viviparous-1 Gene and Absciscic Acid Activate the C1 Regulatory Gene for Anthocyanin Biosynthesis During Seed Maturation in Maize, 6:609-618 (1992)
<input type="checkbox"/>	C38	Goff, et al., <u>EMBO J.</u> , Transactivation of Anthocyanin Biosynthetic Genes Following Transfer of B Regulatory Genes into Maize Tissues, 9:2517-2522 (1990)
<input type="checkbox"/>	C39	Horrobin, et al., <u>Am. J. Clin. Nutr.</u> , Fatty Acid Metabolism in Health and Disease: The Role of Δ -6-Desaturase, 57:7325-7345
<input type="checkbox"/>	C40	Brenner, et al., <u>Adv. Exp. Med. Biol.</u> , Function and Biosynthesis of Lipids, 83:85-101 (1976)
<input type="checkbox"/>	C41	Hoge, et al., <u>Exp. Mycology</u> , Absence of Differneces in Polysomal RNAs From Vegetative Monokaryotic and Dikaryotic Cells of the Fungus <i>Schizophyllum Commune</i> , 6:225-232 (1982)
<input checked="" type="checkbox"/>	C42	Okuley, et al., <u>The Plant Cell</u> , Arabiodopsis FAD2 Gene Encodes the Enzyme That is Essential for Polyunsaturated Lipid Synthesis, 6:147-158 (1994)
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